

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE <b>MONTHLY REPORT OF          RIVER AND FLOOD CONDITIONS</b>	<b>HYDROLOGIC SERVICE AREA:</b> <b>Pocatello, Idaho</b>
	<b>REPORT FOR:</b> <b>MONTH: January YEAR: 2008</b>
<b>TO:</b> Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	<b>SIGNATURE</b>  Sherrie Hebert Service Hydrologist
	<b>DATE:</b> February 7, 2008
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

**X** An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.

It appears to be a good, old-fashioned winter in Eastern Idaho after a number of mild ones in years past. January's weather was first and foremost windy, then cold and finally, a month with near or above normal precipitation.

### Other Hydrologic Interests

#### **Precipitation**

Precipitation was near or above normal for much of the Pocatello Hydrologic Service Area (HSA) in December. The entire HSA received an average of 141% of normal precipitation for 37 of 43 reporting stations with climate data, according to Western Region Climate Center data. Topping the "above-normal precipitation" list of 20 stations was Tetonia at 386%. Stations with more than double normal precip were Mackay, Dubois and Ketchum at 290%, 230% and 211%, respectively. Tetonia also set a monthly January precip total with 6.37 inches beating the 1961 record of 4.74 inches. Malta, Pocatello Airport and Burley received the least with 49%, 43% and 17% of normal, respectively.

#### **Reservoirs**

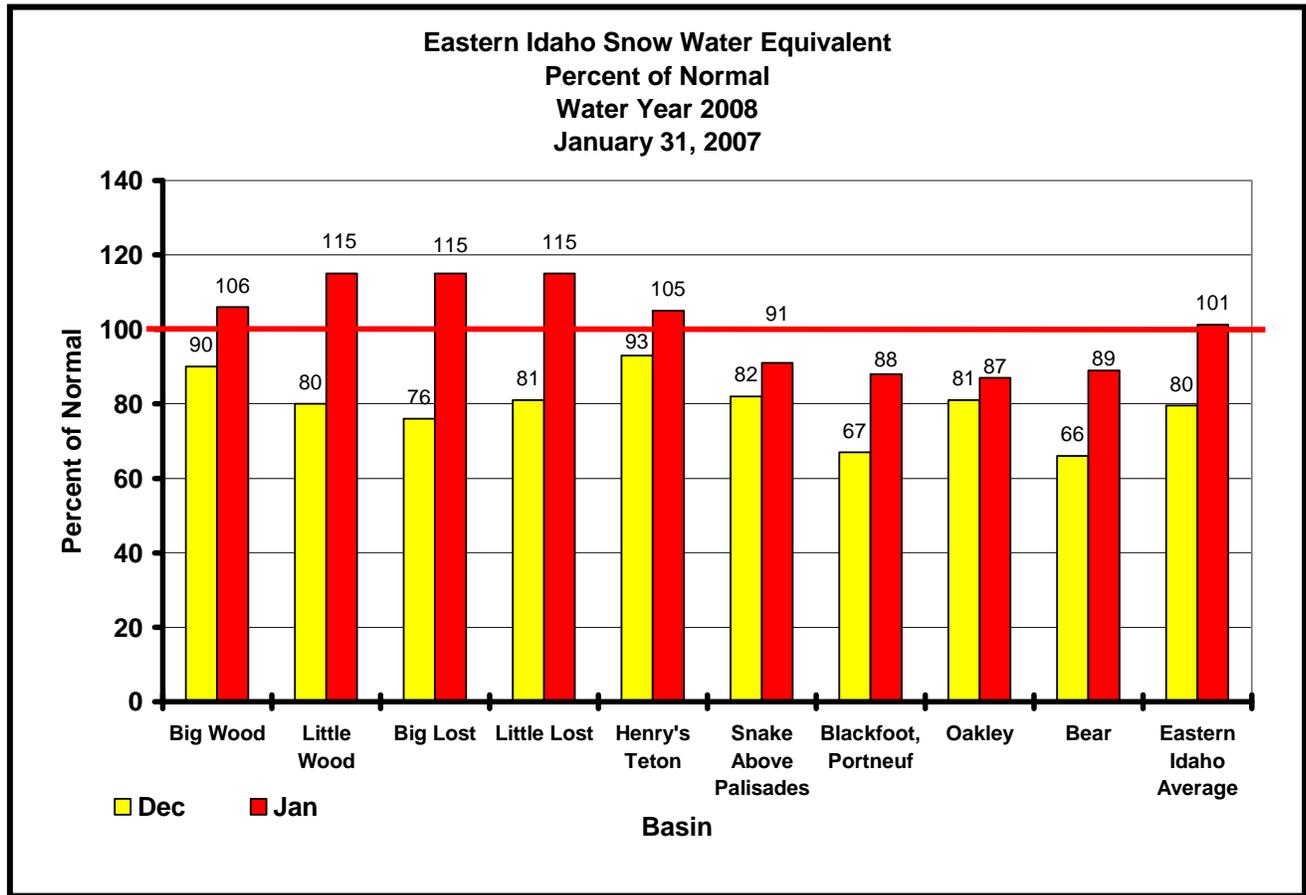
The Upper Snake River reservoir system is at 44% of capacity<sup>1</sup>, up 6% from January 15, 2008<sup>2</sup>.

Reservoir	% Capacity December 31 <sup>3</sup>	% Capacity January 31 <sup>4</sup>	Percent Change	% of Average <sup>4</sup>	% of Last Year <sup>4</sup>
American Falls	29	54	25	81	75
Bear Lake	24	25	1	39	67
Blackfoot	22	24	2	38	49
Henry's Lake	81	86	5	94	94
Island Park	41	63	22	84	76
Little Wood	23	40	17	73	48
Mackay	26	49	23	78	80
Magic	7	11	4	24	18
Oakley	29	33	4	87	62
Palisades	24	36	12	48	51
Ririe	44	48	4	109	95
Lake Walcott	101 <sup>2</sup>	101 <sup>1</sup>	0	n/a	n/a
Milner	99 <sup>2</sup>	99 <sup>1</sup>	0	n/a	n/a

Source: (1) US Bureau of Reclamation (BOR), February 6, 2008; (2) BOR, January 15, 2008; (3) NRCS, December 31, 2007; (4) NRCS, January 31, 2008.

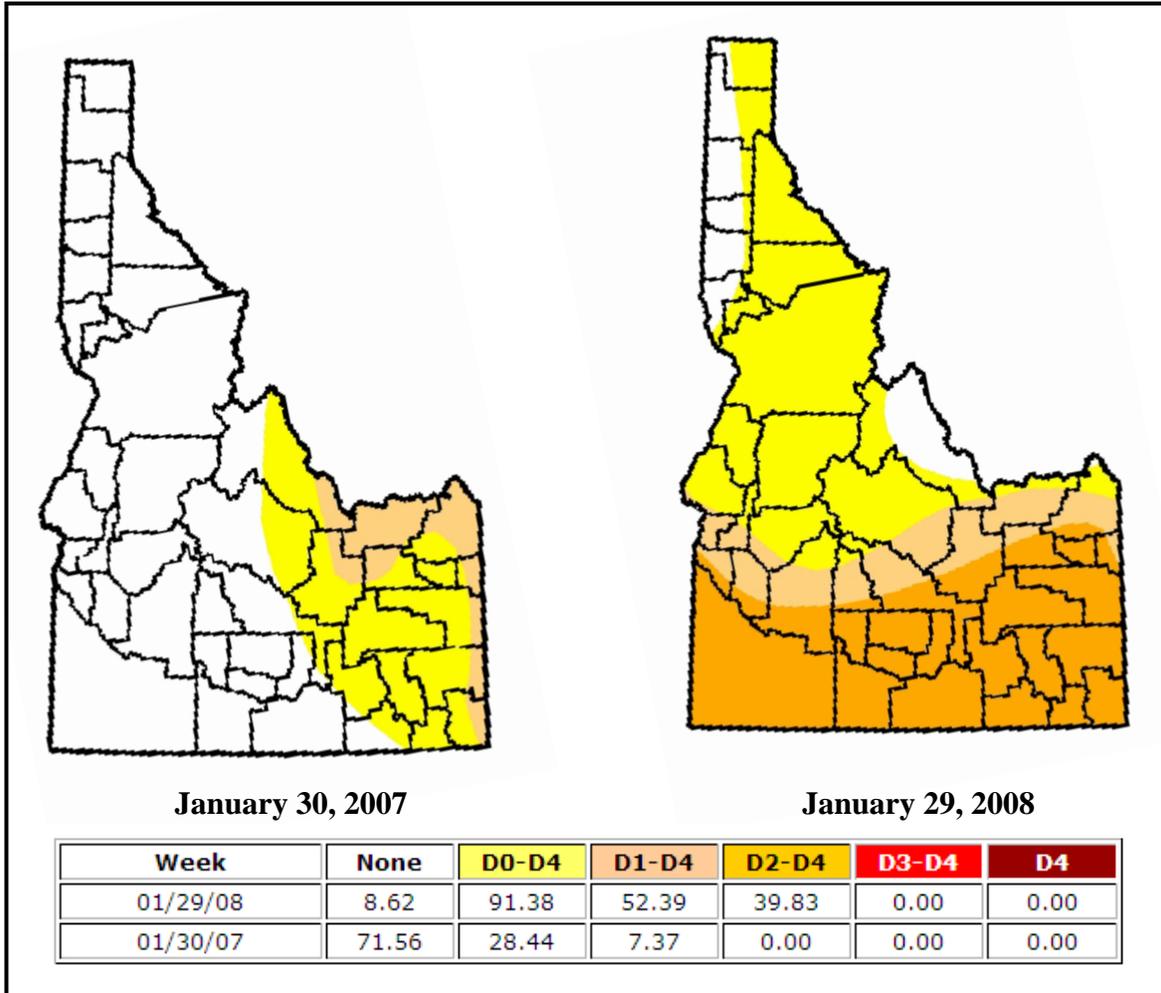
## Snowpack

Great strides continue in Eastern Idaho's snowpack as the basin-average snow water equivalent (SWE) increased from 80% in December to 101% in December. A basin SWE summary is below.



**Drought**

The only changes to the Drought Monitor (DM) for the month in Idaho were in the Panhandle, while Eastern Idaho remained unchanged in the Severe Drought, D2, category. The images below compare Idaho’s DM last year to the current year.



**January 2008 Hydrologic Product Summary**

No hydrologic products were issued in January for the Pocatello HSA.

- cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
- Harold Opitz, Hydrologist in Charge, Northwest River Forecast Center
- Hydrometeorological Information Center
- Rick Dittman, Meteorologist in Charge, Pocatello, Idaho
- Jay Breidenbach, Service Hydrologist, Boise, Idaho
- Drought Monitor Mailing List
- Pocatello WFO Forecasters and HMTs